SEQUENCE LISTING

<110> Economides, Aris N.
Stahl, Neil

<120> DCR-5 Bone Affecting Ligand

<130> REG 660AZ-US

<140> US 10/662,756
<141> 2003-09-15

<150> 09/762,960
<151> 2001-02-14

<150> PCT/US99/17979
<151> 1999-08-12

<150> 60/097,296
<151> 1998-08-20

<160> 21

<170> FastSEQ for Windows Version 4.0

<210> 1
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<222> 3, 12, 18
<223> n = A, T, C or G

<400> 1
mgnaartayy tnaarwsnga ytggtgy 27

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<222> 6, 9, 12, 21
<223> n = A, T, C or G

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caracngtnw sngargargg ntgy 24

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<221> misc_feature
<222> 1, 4, 10, 13, 16
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nggnggrtcn arnccnggrc a 21

<210> 4
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<222> 1, 7, 10, 19
<223> n = A, T, C or G

<400> 4
narrttnacn swcatrcanc krca 24

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<211> 192
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<220>
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<222> (1)...(192)

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cag aca gtg acg gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc   48
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
 1               5                  10                  15

ttc tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag   96
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
            20                  25                  30

aag gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc   144
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
        35                  40                  45

gtc acc tcc gtc ctc gtg gag ctc gag tgc ccg gga cta gac ccc cca   192
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Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
50 55 60

<210> 6
<211> 64
<212> PRT
<213> Homo sapien

<400> 6
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
1 5 10 15
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
20 25 30
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
35 40 45
Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
50 55 60

<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 7
agccgcacca tcctcaaccg cttctgctac 30

<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 8
Ser Arg Thr Ile Leu Asn Arg Phe Cys Tyr
1 5 10

<210> 9
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 9

ctcgagctcc acgaggacgg aggtgac 27

<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
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<400> 10
Glu Leu Glu Val Leu Val Ser Thr Val
1 5

<210> 11
<211> 507
<212> DNA
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<222> (1)...(504)

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Met Phe Trp Lys Leu Ser Leu Ser Leu Phe Leu Val Ala Val Leu Val
1 5 10 15

aag gtg gcg gaa gcc cgg aag aac cgg ccg gcg ggc gcc atc ccc tcg 96
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser
20 25 30

cct tac aag gac ggc agc agc aac aac tcg gag aga tgg cag cac cag 144
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln
35 40 45

atc aag gag gtg ctg gcc tcc agc cag gag gcc ctg gtg gtc acc gag 192
Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu
50 55 60

cgc aag tac ctc aag agt gac tgg tgc aag acg cag ccg ctg cgg cag 240
Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln
65 70 75 80

acg gtg agc gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc ttc 288
Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe
85 90 95

tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag aag 336
Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys
100 105 110

gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc gtc 384
Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val
115 120 125

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acc tcc gtc ctc gtg gag ctc gag tgc ccc ggc ctg gac cca ccc ttc   432
Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe
    130                 135                 140

cga ctc aag aaa atc cag aag gtg aag cag tgc cgg tgc atg tcc gtg   480
Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val
145                 150                 155                 160

aac ctg agc gac tcg gac aag cag tga                               507
Asn Leu Ser Asp Ser Asp Lys Gln
                165
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<211> 168
<212> PRT
<213> Homo sapien

<400> 12

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 1               5                  10                  15
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser
            20                  25                  30
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln
        35                  40                  45
Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu
    50                  55                  60
Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln
65                  70                  75                  80
Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe
                85                  90                  95
Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys
            100                 105                 110
Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val
        115                 120                 125
Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe
    130                 135                 140
Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val
145                 150                 155                 160
Asn Leu Ser Asp Ser Asp Lys Gln
                165
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<210> 13
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 13
cagatagaat tcgccgccac catggtgtgg aagctttccc tgtccttg 48

<210> 14
<211> 30
<212> DNA

<213> Artificial Sequence

<220>
<223> Primer

<400> 14
cacgagaccg gtctgcttgt ccgagtcgct 30

<210> 15
<211> 114
<212> DNA
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<223> Triple myc tag

<400> 15
gagcagaagc tgatatccga agaagacctc ggcggagagc agaagctcat aagtgaggaa 60
gacttgggcg gagagcagaa gcttatatcc gaagaagatc tcggaccgtg ataa 114

<210> 16
<211> 52
<212> DNA
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<220>
<223> Primer

<400> 16
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<210> 17
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 17
gagagcggcc gctcattact gcttgtccga gtcgctcag 39

<210> 18
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 18
Arg Lys Tyr Leu Lys Ser Asp Trp Cys
1 5

<210> 19

<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 19
Gln Thr Val Ser Glu Glu Gly Cys
 1   5

<210> 20
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Mammalian

<400> 20
Pro Pro Asp Leu Gly Pro Cys
 1   5

<210> 21
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<220>
<223> Mammalian

<400> 21
Leu Asn Val Ser Met Cys Arg Cys
 1   5